

**What is claimed is:**

- 1           1. A photocurable pigment type inkjet ink  
2 composition comprising:  
3           5 to 95 wt% of water;  
4           0.5 to 20 wt% of a pigment;  
5           1 to 70 wt% of a photocurable component; and  
6           0.0001 to 30 wt% of a reactive surfactant.
- 1           2. The photocurable pigment type inkjet ink  
2 composition as claimed in claim 1, wherein the reactive  
3 surfactant is photocurable.
- 1           3. The photocurable pigment type inkjet ink  
2 composition as claimed in claim 2, wherein the reactive  
3 surfactant contains a C=C double bond.
- 1           4. The photocurable pigment type inkjet ink  
2 composition as claimed in claim 3, wherein the C=C double  
3 bond is present at an end group of the molecule chain of  
4 the reactive surfactant.
- 1           5. The photocurable pigment type inkjet ink  
2 composition as claimed in claim 1, wherein the reactive  
3 surfactant has a hydrophilic hydrophobic balance (HLB)  
4 value of 8 to 16.
- 1           6. The photocurable pigment type inkjet ink  
2 composition as claimed in claim 5, wherein the reactive  
3 surfactant has a hydrophilic hydrophobic balance (HLB)  
4 value of 12 to 16.

1           7. The photocurable pigment type inkjet ink  
2 composition as claimed in claim 1, wherein the reactive  
3 surfactant is present in an amount of 0.5 to 15 wt%.

1           8. The photocurable pigment type inkjet ink  
2 composition as claimed in claim 1, wherein the composition  
3 has a surface tension of 20 to 65 mN/m.

1           9. The photocurable pigment type inkjet ink  
2 composition as claimed in claim 8, wherein the composition  
3 has a surface tension of 20 to 40 mN/m.

1           10. The photocurable pigment type inkjet ink  
2 composition as claimed in claim 1, wherein the reactive  
3 surfactant is a pigment dispersant for dispersing pigment  
4 particles.

1           11. The photocurable pigment type inkjet ink  
2 composition as claimed in claim 1, wherein the reactive  
3 surfactant is an emulsifier for emulsifying the  
4 photocurable component.

1           12. The photocurable pigment type inkjet ink  
2 composition as claimed in claim 1, further comprising 0.05  
3 to 15 wt% of a photoinitiator.

1           13. The photocurable pigment type inkjet ink  
2 composition as claimed in claim 12, wherein the reactive  
3 surfactant is an emulsifier for emulsifying the  
4 photocurable component and the photoinitiator.